

Part 70 Operating Permit Amendment

Permit Amendment No.: 2082-015-0061-V-02-1 Effective Date: January 10, 2007

Facility Name: **Anheuser-Busch – Cartersville Brewery**

Facility Address 100 Busch Drive
Cartersville, Georgia 30120, (Bartow County)

Mailing Address: Anheuser-Busch Cartersville Brewery
P. O. Box 200248
Cartersville, Georgia 30120

Parent/Holding Company: Anheuser-Busch Companies, Inc.

Facility AIRS Number: 04-13-015-00061

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued an amendment to the Part 70 Operating Permit for:

Updating Conditions 6.1.7, 6.2.3 and Attachment B.

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Permit Amendment and Permit No. 2082-015-0061-V-02-0. Unless modified or revoked, this Permit Amendment expires simultaneously with Part 70 Permit No. 2082-015-0061-V-02-0.

This Permit Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. TV-16923 dated September 8, 2006; any other applications upon which this Permit Amendment or Permit No. 2082-015-0061-V-02-0 are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **3** pages.

Director
Environmental Protection Division

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PART 6.0 RECORD KEEPING AND REPORTING REQUIREMENTS**6.1 General Record Keeping and Reporting Requirements****Amended Condition**

6.1.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)
 - i. None required to be reported in accordance with Condition 6.1.4.
- b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)
 - i. Any period during which the fuel oil fired in any steam boiler (SB01, SB02, SB03 and SB04) does not meet the ASTM D396 specification for No. 2 fuel oil.
 - ii. Any time fuel oil is fired in any steam boiler (SB01, SB02, SB03 and SB04) during the period May 1 to September 30th each year **unless natural gas supply to the boiler is curtailed as allowed under Condition 3.4.1.**
- c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)
 - i. Any rolling three-hour average oxygen concentration, recorded in accordance with Condition 5.2.1 that is 10 percent or greater during operation of steam boilers SB01, SB02, SB03, or SB04. For the purpose of this condition, each clock hour begins a new rolling three-hour period. **A valid operating hour is one in which the boiler operates for more than 30 minutes during the clock hour and includes at least 2 data points with each representing a 15-minute period.**
 - ii. Any rolling three-hour average oxygen concentration, recorded in accordance with Condition 5.2.1 that is less than 2 percent while firing No. 2 fuel oil in steam boilers SB01, SB02, SB03, or SB04. For the purpose of this condition, each clock hour begins a new rolling three-hour period. **A valid operating hour is one in which the boiler operates for more than 30 minutes during the clock hour and includes at least 2 data points with each representing a 15-minute period.**

6.2 Specific Record Keeping and Reporting Requirements

- 6.2.3 The Permittee shall submit to the Division a semiannual report, within 30 days following the end of each such period, June 30 and December 31st each year regarding fuel oil purchases and the firing of such oil in the steam boilers with source codes SB01, SB02, SB03 and SB04. The report shall contain:
- a. Fuel oil receipts obtained from the fuel supplier certifying that the fuel oil is No. 2 fuel oil as per ASTM D396 specification.
 - b. A certified statement signed by the Responsible official that the records of fuel oil supplier certifications submitted in accordance with a. of this condition represent all of the fuel oil fired in the boilers during the semi-annual period. If no fuel oil was combusted during the semi-annual period, the report shall so state.
 - c. Periods during which fuel oil is fired in any steam boiler with source codes SB01, SB02, SB03 and SB04 during the period May 1 to September 30th each year **and during which time the natural gas supply to the boilers was not curtailed.**

Attachment B:

- B.** Insignificant Activities Checklist, Insignificant Activities Based on Emission Levels and Generic Emission Groups

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ATTACHMENT B

NOTE: Attachment B contains information regarding insignificant emission units/activities and groups of generic emission units/activities in existence at the facility at the time of Permit issuance. Future modifications or additions of insignificant emission units/activities and equipment that are part of generic emissions groups may not necessarily cause this attachment to be updated.

INSIGNIFICANT ACTIVITIES CHECKLIST

Category	Description of Insignificant Activity/Unit	Quantity
Mobile Sources	1. Cleaning and sweeping of streets and paved surfaces	1
Combustion Equipment	1. Fire fighting and similar safety equipment used to train fire fighters or other emergency personnel.	0
	2. Small incinerators that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act and are not considered a "designated facility" as specified in 40 CFR 60.32e of the Federal emissions guidelines for Hospital/Medical/Infectious Waste Incinerators, that are operating as follows:	
	i) Less than 8 million BTU/hr heat input, firing types 0, 1, 2, and/or 3 waste.	0
	ii) Less than 8 million BTU/hr heat input with no more than 10% pathological (type 4) waste by weight combined with types 0, 1, 2, and/or 3 waste.	0
	iii) Less than 4 million BTU/hr heat input firing type 4 waste. (Refer to 391-3-1-.03(10)(g)2.(ii) for descriptions of waste types)	0
	3. Open burning in compliance with Georgia Rule 391-3-1-.02 (5).	1
	4. Stationary engines burning:	
	i) Natural gas, LPG, gasoline, dual fuel, or diesel fuel which are used exclusively as emergency generators shall not exceed 500 hours per year or 200 hours per year if subject to Georgia Rule 391-3-1-.02(2)(mmm).5	0
	ii) Natural gas, LPG, and/or diesel fueled generators used for emergency, peaking, and/or standby power generation, where the combined peaking and standby power generation do not exceed 200 hours per year.	4
	iii) Natural gas, LPG, and/or diesel fuel used for other purposes, provided that the output of each engine does not exceed 400 horsepower and that no individual engine operates for more than 2,000 hours per year.	0
	iv) Gasoline used for other purposes, provided that the output of each engine does not exceed 100 horsepower and that no individual engine operates for more than 500 hours per year.	0
Trade Operations	1. Brazing, soldering, and welding equipment, and cutting torches related to manufacturing and construction activities whose emissions of hazardous air pollutants (HAPs) fall below 1,000 pounds per year.	1
Maintenance, Cleaning, and Housekeeping	1. Blast-cleaning equipment using a suspension of abrasive in water and any exhaust system (or collector) serving them exclusively.	0
	2. Portable blast-cleaning equipment.	1
	3. Non-Perchloroethylene Dry-cleaning equipment with a capacity of 100 pounds per hour or less of clothes.	0
	4. Cold cleaners having an air/vapor interface of not more than 10 square feet and that do not use a halogenated solvent.	5
	5. Non-routine clean out of tanks and equipment for the purposes of worker entry or in preparation for maintenance or decommissioning.	1
	6. Devices used exclusively for cleaning metal parts or surfaces by burning off residual amounts of paint, varnish, or other foreign material, provided that such devices are equipped with afterburners.	0
	7. Cleaning operations: Alkaline phosphate cleaners and associated cleaners and burners.	1

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INSIGNIFICANT ACTIVITIES CHECKLIST

Category	Description of Insignificant Activity/Unit	Quantity
Laboratories and Testing	1. Laboratory fume hoods and vents associated with bench-scale laboratory equipment used for physical or chemical analysis.	3
	2. Research and development facilities, quality control testing facilities and/or small pilot projects, where combined daily emissions from all operations are not individually major or are support facilities not making significant contributions to the product of a collocated major manufacturing facility.	0
Pollution Control	1. Sanitary wastewater collection and treatment systems, except incineration equipment or equipment subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	11
	2. On site soil or groundwater decontamination units that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	0
	3. Bioremediation operations units that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	0
	4. Landfills that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	0
Industrial Operations	1. Concrete block and brick plants, concrete products plants, and ready mix concrete plants producing less than 125,000 tons per year.	0
	2. Any of the following processes or process equipment which are electrically heated or which fire natural gas, LPG or distillate fuel oil at a maximum total heat input rate of not more than 5 million BTU's per hour:	
	i) Furnaces for heat treating glass or metals, the use of which do not involve molten materials or oil-coated parts.	0
	ii) Porcelain enameling furnaces or porcelain enameling drying ovens.	0
	iii) Kilns for firing ceramic ware.	0
	iv) Crucible furnaces, pot furnaces, or induction melting and holding furnaces with a capacity of 1,000 pounds or less each, in which sweating or distilling is not conducted and in which fluxing is not conducted utilizing free chlorine, chloride or fluoride derivatives, or ammonium compounds.	0
	v) Bakery ovens and confection cookers.	0
	3. Carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planing, buffing, shot blasting, shot peening, or polishing; ceramics, glass, leather, metals, plastics, rubber, concrete, paper stock or wood, also including roll grinding and ground wood pulping stone sharpening, provided that:	
	i) Activity is performed indoors; &	
	ii) No significant fugitive particulate emissions enter the environment; &	
	iii) No visible emissions enter the outdoor atmosphere.	1
	4. Photographic process equipment by which an image is reproduced upon material sensitized to radiant energy (e.g., blueprint activity, photographic developing and microfiche).	0
	5. Grain, food, or mineral extrusion processes	0
6. Equipment used exclusively for sintering of glass or metals, but not including equipment used for sintering metal-bearing ores, metal scale, clay, fly ash, or metal compounds.	0	
7. Equipment for the mining and screening of uncrushed native sand and gravel.	0	
8. Ozonization process or process equipment.	0	
9. Electrostatic powder coating booths with an appropriately designed and operated particulate control system.	0	
10. Activities involving the application of hot melt adhesives where VOC emissions are less than 5 tons per year and HAP emissions are less than 1,000 pounds per year.	26	
11. Equipment used exclusively for the mixing and blending water-based adhesives and coatings at ambient temperatures.	0	
12. Equipment used for compression, molding and injection of plastics where VOC emissions are less than 5 tons per year and HAP emissions are less than 1,000 pounds per year.	0	
13. Ultraviolet curing processes where VOC emissions are less than 5 tons per year and HAP emissions are less than 1,000 pounds per year.	4	

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INSIGNIFICANT ACTIVITIES CHECKLIST

Category	Description of Insignificant Activity/Unit	Quantity
Storage Tanks and Equipment	1. All petroleum liquid storage tanks storing a liquid with a true vapor pressure of equal to or less than 0.50 psia as stored.	1
	2. All petroleum liquid storage tanks with a capacity of less than 40,000 gallons storing a liquid with a true vapor pressure of equal to or less than 2.0 psia as stored that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	0
	3. All petroleum liquid storage tanks with a capacity of less than 10,000 gallons storing a petroleum liquid.	6
	4. All pressurized vessels designed to operate in excess of 30 psig storing petroleum fuels that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	0
	5. Gasoline storage and handling equipment at loading facilities handling less than 20,000 gallons per day or at vehicle dispensing facilities that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	0
	6. Portable drums, barrels, and totes provided that the volume of each container does not exceed 550 gallons.	1
	7. All chemical storage tanks used to store a chemical with a true vapor pressure of less than or equal to 10 millimeters of mercury (0.19 psia).	0

INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
Alternate chill proofing silica gel unloading and transfer	1
Battery charging station	1
Bottle and can crushers	3
Bottle depallatizers	4
Brew kettles	3
Can lid sleeve slitter	2
Chip washing	6
Clean-in Place System	1
CO ₂ regeneration	1
D.E. Precoat and Body Feed System	1
Gypsum mix system	2
Hops strainer	1
Hot wort receivers	2
Ink jet coders	27
Lauter tuns	2
Maintenance Paint Spray Booth	1
Mash cookers	5
Packaging line lubrication	7

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INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS (Continued)	
Description of Emission Units / Activities	Quantity
Spent chip dumpster	1
Warehouse vacuum cleaning units	2
Wastewater pretreatment plant effluent discharge vent	3
Wastewater pretreatment plant influent screen system	1
Wastewater pretreatment plant influent well	1
Wet spent grain loadout tanks	2
Wort aerators	2
Boiler water treatment operations	1

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ATTACHMENT B (continued)

GENERIC EMISSION GROUPS

Emission units/activities appearing in the following table are subject only to one or more of Georgia Rules 391-3-1-.02 (2) (b), (e) &/or (n). Potential emissions of particulate matter, from these sources based on TSP, are less than 25 tons per year per process line or unit in each group. Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) is not included in this table.

Description of Emissions Units / Activities	Number of Units (if appropriate)	Applicable Rules		
		Opacity Rule (b)	PM from Mfg Process Rule (e)	Fugitive Dust Rule (n)
Grain Unloading (GN01)	1	x	x	
Grain Storage (GN02)	1	x	x	
Dense-Phase Malt Transfer (GN03)	1	x	x	
Malt Transfer (GN04)	1	x	x	
Rice Transfer (GN05)	1	x	x	
Grain Milling and Weighing (GN06)	1	x	x	
Grain Area Vacuum Cleaning (GN07)	1	x	x	
Diatomaceous Earth Silo 1 (DES1)	1	x	x	
Diatomaceous Earth Silo 2 (DES2)	1	x	x	
Bulk Salt Receiving (BSS1)	1	x	x	
Cardboard Baler (CBB1)	1	x	x	
Warehouse Vacuum Cleaning 1 (VAC1)	1	x	x	
Warehouse Vacuum Cleaning 2 (VAC2)	1	x	x	

The following table includes groups of fuel -burning equipment subject only to Georgia Rules 391-3-1-.02 (2) (b) & (d). Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) is not included in this table.

Description of Fuel Burning Equipment	Number of Units
Fuel burning equipment with a rated heat input capacity of less than 10 million BTU/hr burning only natural gas.	18
Fuel burning equipment with a rated heat input capacity of less than 5 million BTU/hr, burning only distillate fuel oil, natural gas and/or LPG.	0
Any fuel burning equipment with a rated heat input capacity of 1 million BTU/hr or less.	0